In the Claims:

Please amend the claims as follows. A complete listing of the claims proper claim identifiers is set forth below.

1.   (Currently Amended) A method for computer-controlled monitoring of a manufacturing process of a plurality of physical objects, said method comprising the steps of:

~~wherein several~~ storing rules which relate to at least one status of at least one of the plurality of physical objects ~~are stored~~;

~~wherein ich a sample is selected~~ selecting a sample from the plurality of physical objects by using the rules, ~~with~~ wherein physical objects of the sample ~~being~~ are marked in such a way that they can be subjected to a measurement; and

~~wherein the rules being formed~~ forming rules on the basis of the criterion that the number of measurements is reduced and redundant measurements are avoided; ~~and~~

~~it being possible for the several rules to be combined with one another and checked against one another~~.

2.   (Original) The method as claimed in claim 1, wherein the physical object is a wafer.

3.   (Currently Amended) The method as claimed in claim 2, wherein one of the ~~several~~ plurality of stored rules relates to an SPC sampling status of the plurality of physical objects.

4.   (Currently Amended) The method as claimed in claim 2 or 3, wherein one of the ~~several~~ plurality of stored rules relates to an inquiry of a specific status of the plurality of physical objects.

5.   (Currently Amended) The method as claimed in one of claims 2 to 4, wherein one of the ~~several~~ plurality of stored rules relates to an inquiry of an explicit status of the plurality of physical objects at a process step.

6.   (Currently Amended) The method as claimed in one of claims 2 to 5, wherein one of the ~~several~~ plurality of stored rules relates to an inquiry of a sampling status of the plurality of physical objects.

7.	(Currently Amended) The method as claimed in one of claims 2 to 6, wherein one of the ~~several~~ plurality of stored rules relates to an inquiry of a special monitoring status of the plurality of physical objects.

8.	(Original) The method as claimed in one of claims 1 to 7, wherein the various stored rules are combined with one another.

9.	(Original) The method as claimed in one of claims 1 to 8, wherein the marked physical objects are subjected to a measurement.

10.	(Currently Amended) A device for computer-controlled monitoring of a manufacturing process of a plurality of physical objects with a processor which is set up in such a way that the following method steps can be carried out:

storing ~~several~~ plurality of rules, wherein the plurality of ~~several~~ rules ~~relating~~ relates to at least one status of at least one of the plurality of physical objects; and

selecting a sample from the plurality of physical objects by using the at least one rule, with the sample being marked in such a way that it can be subjected to a measurement, the plurality of rules being formed on the basis of the criterion that the number of measurements is reduced and redundant measurements are avoided~~, and it being possible for the several rules to be combined with one another and it being possible for the several rules to be combined with one another and checked against one another~~.

11.	(Currently Amended) A computer-readable storage medium, in which a program for monitoring of a manufacturing process of a plurality of physical objects is stored, which program executes the following method steps when it is run by a processor:

storing ~~several~~ plurality of rules, wherein the ~~several~~ plurality of rules ~~relating~~ relates to at least one status of at least one of the plurality of physical objects; and

selecting a sample from the plurality of physical objects by using the at least one rule, with the sample being marked in such a way that it can be subjected to a measurement, the plurality of rules being formed on the basis of the criterion that the number of measurements is reduced and redundant measurements are avoided~~, and it being possible for the several rules to be combined with one another and it being possible for the several rules to be combined with one another and checked against one another~~.

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12.   (Currently Amended) A computer program element for monitoring of a manufacturing process of a plurality of physical objects which executes the following method steps when it is run by a processor:

storing ~~several~~ a plurality of rules, wherein the ~~several~~ plurality of rules relating to at least one status of at least one of the plurality of physical objects; and

selecting a sample from the plurality of physical objects by using the at least one rule, with the sample being marked in such a way that it can be subjected to a measurement, the plurality of rules being formed on the basis of the criterion that the number of measurements is reduced and redundant measurements are avoided~~, and it being possible for the several rules to be combined with one another and it being possible for the several rules to be combined with one another and checked against one another~~.